

ABSTRACT OF THE DISCLOSURE

5           A wireless digital launch or firing system has a transmitter unit that can transmit separate RF signals representing an "enable" code sequence and an "actuate" code sequence, and a receiver unit which decodes the "enable" code sequence to enable receipt of the "actuate" code sequence, and decodes the "actuate" code sequence to actuate launching or firing. A digital processor receives the code sequences from a receiver circuit and compares them to stored digital code sequences. A memory latch maintains a normally-off primary switch in an "on" condition when the "enable" signal is received. A normally-off secondary switch is set to an "on" condition when the "actuate" signal is received. Preferably, the RF signals are transmitted in pulse code form, and the code sequences include bits that are predetermined and stored in the hardware, bits that are selected for an individual code by the user, and bits that differentiate the "enable" from the "actuate" signal. The memory latch can be set to an indefinite "enable" period, for multiple launchings, or a timed "enable" period, for toys or single launch devices. A sequencer module can be coupled to the receiver unit for sequenced firings.